I st and Part Bill

DOR ⇒ 01.4.2021

M. A. R. 57 (Rule 116)
Measurement Book

No. D 251907

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... M/S KRIDL .....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Name of the work: Devolopment of Shettihalli Burial ground in Sy nos 55, 56 and deep lead ward no IR. 'C' catogary.						
	Estimate cost Rs: 134.50 lakhs						
	Job code NO: → 012-18-000045 Pcode-04 85						
	AS NO: → BBMP/EE/PD/AS/01/18-19						
	TS NO: → BBMP/CE/DZ/TS/18/18-19						
	KJ.O.NO: → BBMP/EE/PD/W.O/005/2018-19 dated 27-10-2018						

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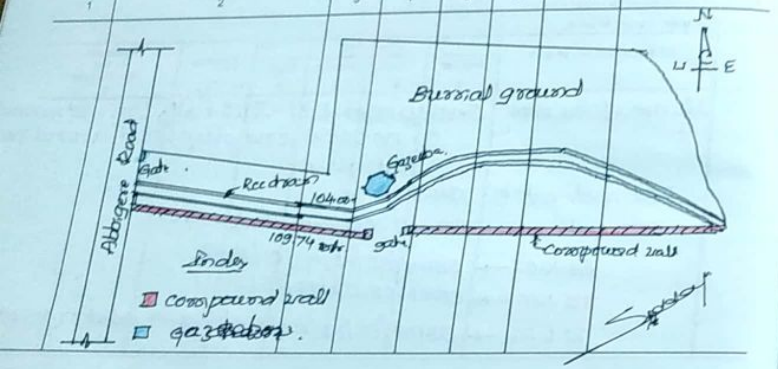
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



M. A. R. 57 (Rule 116) No. D 251908
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
S/no:	Description of work Unit	Previous Measmt Effy	Present Measmt Actual	Effy	Present measurement Rate	Actual	up to date Effy
1)	Clearing and grubbing road land ha Sqm	—	—	0.49	26697.65	13155.76	0.49
2)	Earth work in Surface excavation for levels and levering the ground cum	—	—	10965.21	295.42	3272235.48	10965.21

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
3)	Earth work excavation by manual means cum	–	–	445.23	332.34	147968-27	445.23	147968-27
4)	Earth work excavation for foundation cum	–	–	-	400.16	-	–	–
5)	Providing and filling in foundation with granite broken metal cum	–	–	45.89	2240.84	102831-03	45.89	102831-03
6)	Refilling available earth around pipe Line cum	–	–	152.33	80.56	12271-38	152.33	12271-38

M. A. R. 57 (Rule 116) No. D 251909

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
7)	Providing and laying pcc 1:3:6 cum	–	–	33.80	5348.76	178126-87 178193-70	33.80	178126-87 178193-70
8)	Providing & Constructing granite/trap/basalt ss rm in cm 1:6 cum	–	–	122.91	4439.22	545522-92 545591-00	122.91	545522-92 545591-00
9)	-do- Providing ruled pointing to ss rm in cm 1:3 Sqm	–	–	96.59	103.88	10033.56	96.59	10033-56

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
10)	Providing & Retaining Centering & shuttering	–	–	108.20	310.58	33603.51	108.20	33603.51
11)	Providing & Removing Centering shuttering	–	–	–	407.04	–	–	–
13)	Providing and Laying M-20 Cum	–	–	25.59	6371.66	163028.86	25.59	163028.86
14)	TMT Steel Reinforcement for RCC work Tonne	–	–	1.57	64243.42	100936=22 100862.00	1.57	100936=22 100862.00

M. A. R. 57 (Rule 116) No. D 251910
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
15)	Providing & Constructing load bearing wall with solid block masonry Cum	–	–	369.87	993.22	367364.76	369.87	367364.76
16)	Providing and laying PCC 1:2:4 Cum	–	–	4.05	5767.46	23338.60	4.05	23338.60
17)	Providing 20 mm thick Cement plastering with CM 1:4 Sqm	–	–	765.25	248.04	189812.11	765.25	189812.11

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement	
1	2	3	4	5	6	7	8	
18)	Providing & finishing external walls in two coats with light pink cement paint Sqm	—	—	765.25	89.04	68137=68	765.25	68137=68
19)	Providing and fixing MS gate Sqm	—	—	18.36	3110.04	57094=11	18.36	57094=11
20)	Fabricating & erecting hot dip galvanised gate Sqm	—	—	15.62	12475=03	194810=07	15.62	194810=07
21)	Providing and fixing MS Grill work Kgs	—	—	133.65	84.24	11258=68	133.65	11258=68

M. A. R. 57 (Rule 116)
Measurement Book

No. D 251911

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement	
1	2	3	4	5	6	7	8	
22)	Providing and applying external facial Sqm.	—	—	42.66	86.92	3707=66	42.66	3707=66
23)	Providing & fixing CPVC pipes. Mtr	—	—	422.00	486.0	205092=0	422.00	205092=0
24)	Providing and placing on terrace polythene water storage tank. 1000 Ltrs capacity Nos	—	—	1	9144=36	9144=36	1	9144=36

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
25)	Fabricating and erecting tubular Truss Kgs	—	—	1096.76	118.80	130295.56	1096.76	130295.56
26)	Supplying and fixing new Mangalore Tile Sqm	—	—	86.92	392.04	34076.12	86.92	34076.12
27)	Providing Mangalore Ridge Tile Mtr	—	—	48.00	190.08	9123.84	48.00	9123.84
28)	Providing corrugated Cement Asbestos sheet Mtr	—	—	24.00	470.88	11301.12	24.00	11301.12

M. A. R. 57 (Rule 116)
Measurement Book

No. D 251912

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
29)	Geophysical investigation of site No	1	—	1	1938.46	1938.46	1	1938.46
30)	Sinking of Bore well of 165 mm dia with submersible hydraulic R & S Mtrs.							
	0 to 50 m	—	—	50.00	315.18	15759.00	50.00	15759.00
	50 to 100 m	—	—	50.00	412.0	20600.00	50.00	20600.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	100 to 150 mm	—	—	50.00	458.25	22917.50	50.00 22917.50
	150 to 200 mm	—	—	50.00	484.10	24205.00	50.00 24205.00
	200 to 250 mm	—	—	50.00	560.32	28016.00	50.00 28016.00
	250 to 300 mm	—	—	50.00	600.49	30,024.50	50.00 30,024.50
	300 to 350 mm	—	—	47.50	640.66	30,431.35	47.50 30431.35
31)	Supply of ISI mark 175mm dia Casing pipe RMT	—	—	29.00	1325.00	38425.00	29.00 38425.00
32)	Providing 175mm dia MS collar ND	—	—	2	150.00	300.00	2 300.00
33)	Providing 175mm dia Bore well cap ND	—	—	1	100.00	100.00	1 100.00

M. A. R. 57 (Rule 116)
Measurement Book

No. D 251913

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
34)	Supplying PVC pipes. 100 kg/sqm 250mm dia ND	—	—	50	2600.00	1,30,000.00	50 1,30,000.00
35)	Providing & fixing in trenches galvanised mild steel tube RMT	—	—	320.00	457.92	1,46,534.40	320.00 1,46,534.40
36)	Supply and delivery at site board Affixed Suguna like Submersible pump 10 HP ND	—	—	1	50,100.00	50,100.00	1 50,100.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
37)	Supplying and Installing 3 core five Substantial Cable mtr	–	–	360.00	126.70	45,612=00	360.00	45612=00
38)	Providing & fixing 50 mm nominal bore brass ball valve No.	–	–	1	1521.10	1521=10	1	1521=10
39)	Supplying & fixing 50 mm GI union	–	–	1	223.70	223=70	1	223=70
40)	Supplying & fixing 50 mm GI elbow	–	–	1	111.80	111=80	1	111=80
41)	Supplying & fixing 50 mm GI Nipple	–	–	1	104.30	104=30	1	104=30
42)	Supplying and fixing 50 mm GI collar	–	–	1	103.00	103=00	1	103=00

M. A. R. 57 (Rule 116) No. D 251914
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
43)	Fabricating Supplying & mounting MS box towards out letting suitable for five Sq.cm	–	–	19900.00	0.37	7363=00	19900.0	7363=00
44)	Supplying & fixing angle iron frame and NO	–	–	1	338.00	338=00	1	338=00
45)	Supply of TPST with rewirable porcelain Chamber NO	–	–	1	1868.00	1868=00	1	1868=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
46)	Supplying & fixing 24"x24"x3 polished wood board No.	–	–	1	302.00	302=00	1	302=00
47)	Supplying & fixing LED Type panel board No	–	–	1	442.00	442=00	1	442=00
48)	Supplying fully auto matic star delta starter unit No	–	–	1	6583.00	6583=00	1	6583=00
49)	Supplying and fixing Single phase preventer No	–	–	1	768.00	768=00	1	768=00

M. A. R. 57 (Rule 116)
Measurement Book

No. D 251915

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
50)	Wiring for Lighting / Power Circuit Mtr	–	–	50.00	42.10	2105=00	50.00	2105=00
51)	Supplying & fixing 3 wiring heavy duty low voltage capacitor. No	–	–	5	414.00	2070=00	5	2070=00
52)	Supplying & fixing miniature Circuit Breaker No	–	–	1	1936.00	1936=00	1	1936=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
53)	Supplying & fixing Earthing earth electrode ND	—	—	1	2727.00	2727=00	1	2727=00
54)	Supplying and fixing Class A (medium duty) GI pipe rail Mtr	—	—	5.00	345.00	1725=00	5.00	1725=00
55)	Supplying Laying 1.1 KV LT. UG Cable Mtr	—	—	40.00	140.40	5616=00	40.00	5616=00
56)	Labour charges for laying 1.1 KV UG Cable RM	—	—	50.00	10.80	540=00	50.00	540=00

M. A. R. 57 (Rule 116)
Measurement Book

No. D 251916

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
57)	Digging of trench 0.60 m deep x 0.50 m wide refilling the trench Mtr	—	—	50.00	106.00	5300=00	50.00	5300=00
58)	Supplying and fixing LT Cast iron pot heads ND	—	—	1	280.00	280=00	1	280=00
74)	Supplying and fixing porcelain fuse channels NOS	—	—	4	234.00	936=00	4	936=00
				Total	Rs	65,22,290=88	Rs	65,22,290

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	BF Total Rs			65,22,290=88			Rs 65,22,290.88
	KRIDL Charges			7,17,452=00			7,17,452=00
	Grand total Rs.			72,39,742=88			Rs 72,39,742=80

Certificate

1. Certify that the contractor completed the work satisfactorily
2. Certify that there is no deposit material issued to contractor
3. Certify that the contractor cleared all debris & rubbish spoil.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-550 010

14/1/2021

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore

1/A 14/1/2021

M. A. R. 57 (Rule 116)
Measurement Book

No. D 251917

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Amount admitted for Rs ₹72,39,742/-				Gross -	₹72,39,742-	
	Passed by Cheque for Rs 64,78,742/- (Sixty four lakhs, Seventy eight thousand Seven hundred and forty two only)				I -	144,795-	
	by accountancies 7,61,000/-				Luc -	₹2398-	
	Accounts Superintendent				CBF -	₹540-	
	Exe. Engineer				SD -	361,987-	
	B.B.M.P Dasarahalli Division				Cess -	64641-	
					SGS -	64641-	
					Roy -	45898-	
					Deal	₹61,000-	
					Net	64,78,742-	

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